

# Certificate of Conformity

Certificate Number: CN-PV-230632

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	NINGBO AUSTA SOLAR TECH CO., LTD. 1-1, NO.136, Haichuan Road, Jiangbei District, Ningbo, Zhejiang, P.R.China
<b>Product:</b>	Grid Tie Solar Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	AU6K3P, AU8K3P, AU10K3P, AU12K3P, AU15K3P, AU17K3P, AU20K3P, AU22K3P, AU23K3P, AU25K3P, AU28K3P
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	IEC 61683:1999 (First Edition)
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	231000747SHA-001

Additional information in Appendix.



Signature

Certification Manager: Qiao Qiao

Date: 22 November 2023



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230632

### Ratings & Principle Characteristics:

Specifications table				
Model	AU6K3P	AU8K3P	AU10K3P	AU12K3P
<b>PV input</b>				
Vmax PV (Vdc) (absolute Max.)	1100			
Isc PV (absolute Max.) (A)	2*23	2*23	2*23	2*23
Max. PV input current / strings (A)	2*18	2*18	2*18	2*18
Number MPP trackers	1/1	1/1	1/1	1/1
Number input strings	2	2	2	2
MPPT Range (Vdc)	180~1000			
Vdc range @ full power (Vdc)	350~850			
<b>AC Grid ( output)</b>				
Normal AC Voltage (VAC)	3 $\phi$ /N/PE 400Vac			
Frequency (Hz)	50/60			
Max. cont. output current (A)	10	13.3	16.7	20
Max. cont. output Power (kW)	6.6	8.8	11	13.2
Max. cont. Apparent Power (kVA)	6.6	8.8	11	13.2
Power factor(adjustable)	1.0(-0.8 ~ +0.8)			
<b>Others</b>				
Ingress protection (IP)	IP66			
Protective class	Class I			
Temperature (°C)	-25°C to +60°C (Derating 45°C)			
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated(Battery Side)			
Overvoltage category	OVC III (AC Main), OVC II (PV)			
Dimensions, D*W*H (mm)	427mm×450mm×204mm			
Weight (kg)	15kg	15kg	15kg	15kg

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### Ratings & Principle Characteristics:

Specifications table				
Model	AU15K3P	AU17K3P	AU20K3P	AU22K3P
<b>PV input</b>				
Vmax PV (Vdc) (absolute Max.)	1100			
Isc PV (absolute Max.) (A)	23/37.5	23/37.5	37.5/37.5	37.5/37.5
Max. PV input current / strings (A)	18/30	18/30	30/30	30/30
Number MPP trackers	1/2	1/2	2/2	2/2
Number input strings	3	3	4	4
MPPT Range (Vdc)	180 ~ 1000			
Vdc range @ full power (Vdc)	400V~850		450~850	
<b>AC Grid ( output)</b>				
Normal AC Voltage (VAC)	3 $\phi$ /N/PE 400Vac			
Frequency (Hz)	50/60			
Max. cont. output current (A)	24	28.3	32	32
Max. cont. output Power (kW)	16.5	18.7	22	24.2
Max. cont. Apparent Power (kVA)	16.5	18.7	22	24.2
Power factor(adjustable)	1.0(-0.8 ~ +0.8)			
<b>Others</b>				
Ingress protection (IP)	IP66			
Protective class	Class I			
Temperature (°C)	-25°C to +60°C (Derating 45°C)			
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated(Battery Side)			
Overvoltage category	OVC III (AC Main), OVC II (PV)			
Dimensions, D*W*H (mm)	427mm×450mm×204mm			
Weight (kg)	18kg	18kg	18kg	18kg

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### Ratings & Principle Characteristics:

Specifications table			
Model	AU23K3P	AU25K3P	AU28K3P
<b>PV input</b>			
Vmax PV (Vdc) (absolute Max.)	1100		
Isc PV (absolute Max.) (A)	37.5/37.5	45/37.5	45/45
Max. PV input current / strings (A)	30/30	36/30	36/36
Number MPP trackers	2/2	2/2	2/2
Number input strings	4	4	4
MPPT Range (Vdc)	180 ~ 1000		
Vdc range @ full power (Vdc)	450V~850V		500-850
<b>AC Grid ( output)</b>			
Normal AC Voltage (VAC)	3 $\phi$ /N/PE 400Vac		
Frequency (Hz)	50/60		
Max. cont. output current (A)	36.5	41	45
Max. cont. output Power (kW)	25.3	27.5	30.8
Max. cont. Apparent Power (kVA)	25.3	27.5	30.8
Power factor(adjustable)	1.0(-0.8 ~ +0.8)		
<b>Others</b>			
Ingress protection (IP)	IP66		
Protective class	Class I		
Temperature (°C)	-25°C to +60°C (Derating 45°C)		
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated(Battery Side)		
Overvoltage category	OVC III (AC Main), OVC II (PV)		
Dimensions, D*W*H (mm)	427mmx450mmx204mm		
Weight (kg)	18kg	18kg	18kg

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